

20031112.qrp v03_n102.qrl.20031112

Date: Wed, 12 Nov 2003 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3102

QRP-L Digest 3102

Topics covered in this issue include:

- 1) [161072] Re: O'scope time? Maybe.
by "Joe Martin" <km5cw@wt.net>
- 2) [161073] RockMite loses magic smoke
by James R Giammanco <n5ib@juno.com>
- 3) [161074] Re: Fuel Cells (technical)
by "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
- 4) [161075] FOX: 4 hunts data posted on QRP-L webpagse
by "Tom Palmer" <n1tp@swfla.rr.com>
- 5) [161076] Re: O'scope time? Maybe.
by Brad Thompson <Brad.Thompson@valley.net>
- 6) [161077] Re: [qrp-l] Re: Fuel Cells (technical)
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 7) [161078] KX1 Queations
by "Rich Johnson" <rjohnson390@comcast.net>
- 8) [161079] FOX: Geeze
by Karl Larsen <k5di@zianet.com>
- 9) [161080] Re: FOX: Geeze
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 10) [161081] Truffle Results and Vertical Antenna comments
by "w8diz" <w8diz@cinci.rr.com>
- 11) [161082] 1000 miles per watt award
by "pschweit" <pschweit@mninter.net>
- 12) [161083] Ft. Wayne QRP Forum Reminder
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 13) [161084] Re: FOX: Geeze
by "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
- 14) [161085]
by mmalone@ruggedridge.com
- 15) [161086] Re: FOX: Geeze
by "Armin Hachmer" <armin@muskoka.com>
- 16) [161087] Re: FOX: Geeze
by John Sielke <jsielke@pobox.com>
- 17) [161088] FOX SPOT:
by "Tom Palmer" <n1tp@swfla.rr.com>
- 18) [161089] Re: FOX: Geeze
by Al Scanandoah <k2zn@rochester.rr.com>
- 19) [161090] Speaking of the Andy Griffith Show reunion...anybody else see that

fine HW-16 on the desk?
by <bill@n4qa.com>

20) [161091] Re: FOX SPOT:
by "Bob Schreibmaier" <k3ph@ptd.net>

21) [161092] Re: FOX SPOT:
by Karl Larsen <k5di@zianet.com>

22) [161093] FOX: Got one but...
by Karl Larsen <k5di@zianet.com>

23) [161094] FOX SPOT
by "Tom Palmer" <n1tp@swfla.rr.com>

24) [161095] RE: FOX SPOT:
by "k6xr" <k6xr@bak.rr.com>

25) [161096] OT: Old radio, dial cords, & signal generators
by "Dave Ek" <ekdave@earthlink.net>

26) [161097] FOX: Nofer
by Lloyd Lachow <llachow@yahoo.com>

27) [161098] FOX: Not Tonight...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

28) [161099] Re: Truffle Results and Vertical Antenna comments
by "George, W5YR" <w5yr@att.net>

29) [161100] Re: Nofer
by "George, W5YR" <w5yr@att.net>

30) [161101] FOX: Thanks, Jim!
by Lloyd Lachow <llachow@yahoo.com>

31) [161102] Re: Old radio, dial cords, & signal generators
by "Bill Smith" <billsmith@ispwest.com>

32) [161103] LOBSTERCON 2004!
by "Rex Harper" <w1rex@megalink.net>

33) [161104] Re: OT: Old radio, dial cords, & signal generators
by Steven Weber <kd1jv@moose.ncia.net>

34) [161105] Re: KX1 Queations
by Steven Weber <kd1jv@moose.ncia.net>

35) [161106] Re: RockMite loses magic smoke
by Steven Weber <kd1jv@moose.ncia.net>

36) [161107] FOX: KROU preliminary log
by Tim Groat <tcgroat@earthlink.net>

37) [161108] NETXQRP Club Meeting, Saturday 15 November
by Chuck Carpenter <w5usj@9plus.net>

38) [161109] FOX: Thanks, Jim
by "Tom Palmer" <n1tp@swfla.rr.com>

39) [161110]
by Wayne_W5KDJ <w5kdj@juno.com>

40) [161111] RE: Old radio, dial cords, & signal generators
by "David Hinerman" <WD8CIV@worldnet.att.net>

41) [161112] Re: Speaking of the Andy Griffith Show reunion...anybody else see
that

fine HW-16 on the desk?
by Bruce Muscolino <w6toy@erols.com>

42) [161113] Re:
by "sjolin" <sjolin@swbell.net>
43) [161114] Re: Speaking of the Andy Griffith Show reunion...anybody else see
that fine HW-16 on the desk?
by "Winston F. Jones" <winjones@ix.netcom.com>
44) [161115] Re: Speaking of the Andy Griffith Show reunion...anybody else see
that fine
HW-16 on the desk?
by "Dennis Ponsness" <wb0wao@hotmail.com>
45) [161116] Re: Noise
by John Sielke <jsielke@pobox.com>
46) [161117] Good source for small tools
by "Paul Gerhardt" <pgerhardt@hotmail.com>
47) [161118] RE: LOBSTERCON 2004!
by "AI2Q" <ai2q@adelphia.net>
48) [161119] Re: OT: Old radio, dial cords, & signal generators
by "Paul F. Ryan" <pfr2@Lehigh.EDU>
49) [161120] Re: OT: Old radio, dial cords,
by John Sielke <jsielke@pobox.com>
50) [161121] RE: Easiest to Install BNC Connector?
by "Walter Costa" <walt3120@hotmail.com>
51) [161122] Re: Speaking of the Andy Griffith Show reunion...anybody else see
that fine HW-16 on the desk?
by Curt Milton <wb8yyy@yahoo.com>
52) [161123] dial cord
by "JBCrafts" <jbcraft@adelphia.net>
53) [161124] NORCAL BLT mod for coax
by "Ron Pfeiffer" <n1zsw@hotmail.com>
54) [161125] Re: Indoor Attic mounted antenna vs outdoor antenna
by geoff allsup <gallsup@whoi.edu>
55) [161126] Re:
by "George, W5YR" <w5yr@att.net>
56) [161127] FOX: K0UU preliminary results
by Jeff Strandberg <wv3b@us.net>
57) [161128] RE: dial cord
by "David Hinerman" <WD8CIV@worldnet.att.net>
58) [161129] Re: RockMite loses magic smoke
by "Lew Paceley" <lew@paceley.com>
59) [161130] RE: Speaking of the Andy Griffith Show reunion...anybody else see
that fine HW-16 on the desk?
by "rattray" <rattray@accesscomm.ca>
60) [161131] Re: Indoor Attic mounted antenna vs outdoor antenna
by "John H. Shannon" <johnshan@alltel.net>
61) [161132] QRPacificon Compendiums Picked Up From Printers
by "Doug Hendricks" <ki6ds@dpol.net>
62) [161133] Update and clarification on New Club Kit coming.
by "Doug Hendricks" <ki6ds@dpol.net>
63) [161134] Reverse & other catastrophic failure fuses

- by Ed Tanton <n4xy@earthlink.net>
- 64) [161135] Re: O'scope time? Maybe.
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 65) [161136] Re: Reverse & other catastrophic failure fuses
by Lee Mairs <lmairs@direcway.com>
- 66) [161137] Re: Easiest to Install BNC Connector?
by Bob Nielsen <nielsen@oz.net>
- 67) [161138] Re: Reverse & other catastrophic failure fuses
by Ed Tanton <n4xy@earthlink.net>
- 68) [161139] OT: Help With UK Crystal Nomenclature ?
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 69) [161140] vintage parts on e*bay
by Lloyd Lachow <llachow@yahoo.com>
- 70) [161141] HWA-9 and Multi-Volt Devices...
by Bob Confrey <wa1edj@yahoo.com>
- 71) [161142] Altoid Tins
by "Paul Womble" <pwomble@earthlink.net>
- 72) [161143] Re:L-1682B1J Availability
by Davewb4@aol.com
- 73) [161144] Re: OT: Old radio, dial cords, & signal generators
by Rick McKee <kc8aon@juno.com>
- 74) [161145] Just a thought on set decorating.
by Bruce Muscolino <w6toy@erols.com>
- 75) [161146] Re: [fpqrp] Altoid Tins
by "Brian Murrey" <brian@iquest.net>

Date: Tue, 11 Nov 2003 18:02:44 -0600
From: "Joe Martin" <km5cw@wt.net>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [161072] Re: O'scope time? Maybe.
Message-ID: <08f701c3a8b0\$4cefcbcb0\$dc4cd6d0@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----| Virus Scanned by Symantec |-----

----- Original Message -----

From: "Ed Tanton" <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 11, 2003 5:46 PM
Subject: Re: O'scope time? Maybe.

>

> The one exception to this rule (which I did NOT count in that 90%) are the
> occasional odd items where no one is bidding on something, and it's worth
> something like the minimum bid + shipping. THEN and only then do you put
> some small bid down. If you 'steal' it fine, if you don't get it... well,
> you weren't really serious anyway.

I have added many useful odds and ends to my "junk box" using this method, I highly recommend it, it's just you have to have time to go through the list of items so plan on some browsing time to make this one work for you.

> Finally, even if I have gotten 'milder' about 'sniping'-and understand it
> IS legal, but come on. You KNOW it isn't 'fair'. Or maybe the word is
> 'nice'. It isn't nice.

I have beat snipers on items but you have to have some luck and hope you don't drop carrier at a crucial monument (g). When I do beat them, it is satisfying,, I think I may need counseling or maybe join a 10 step group (g).

Joe/ Ft.Worth

>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain

I really like this one

>
>
>

Date: Tue, 11 Nov 2003 16:21:48 PST
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [161073] RockMite loses magic smoke
Message-ID: <20031111.191314.7519.0.n5ib@juno.com>

A local buddy had a short circuit between the headphones and reverse polarized the power to his RockMite 20, with less than stellar results... No doubt this has happened to somebody(s) on the list, so, if 'twas you... 'fess up and let me know what got zapped and I'll pass that along to my buddy.

I even promise not to look at the "from" line of the message, delete the message file immediately after reading, and chew up and swallow any paper copy made, so your secret will be safe, sparing you from shame, embarrassment, and humiliation should you ever decide to run for public

office :^))

72

Jim N5IB

PS - ya gotta believe me, it really was "a buddy" and not me :^))
really, cross my heart and pinkie swear, no mental reservation or purpose
of evasion, very tall stack of bibles, sainted grandmother, scout's honor
.....

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 11 Nov 2003 19:34:00 -0500
From: "Adam Vazquez" <adam.vazquez.kb2jpd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [161074] Re: Fuel Cells (technical)
Message-ID: <E1AJixW-00037E-00@firecrest.mail.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 8bit

There are methenol fuel cell technology as well. Run your station with moonshine,
anyone?

BTW, google this:

methenol fuel cell technology or check out this fuel cell model car kit:

http://www.physlink.com/estore/cart/purchase_item.cfm?item_no=39&SID=17

Date: Tue, 11 Nov 2003 20:17:15 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161075] FOX: 4 hunts data posted on QRP-L webpagse
Message-ID: <000501c3a8ba\$b80f4de0\$b4340843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Data through first 4 hunts has posted on the QRP-L Webpage.

Good luck to all during this evening's hunt.

Tom, N1TP
Naples, Florida

Date: Tue, 11 Nov 2003 19:40:15 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161076] Re: O'scope time? Maybe.
Message-ID: <5.0.2.1.2.20031111192718.0236b8a0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

IMO, Tektronix' 547 and 453 represented just about the peak of CRT sharpness and brightness.
Later CRTs never seemed to focus as well as the you-can-shave-with-it trace of a good Tek 547.

Fans of older Tektronix oscilloscopes (the users, not the cooling devices!) will find Stan Griffiths' book "Oscilloscopes: Selecting and Using A Classic" a useful reference. The section on cleaning older vacuum-tube instruments applies to other makes and models, too. Stan worked for Tektronix for many years, as did Deane Kidd. Both are Radio Amateurs

Also, avoid buying any of the mil-spec Tektronix 54x look-alikes which were manufactured under contract by Hickok and also Lavoie (IIRC). They may look alike, but not necessarily work alike.

73--
Brad AA1IP

Date: Tue, 11 Nov 2003 19:58:28 -0800
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [161077] Re: [qrp-l] Re: Fuel Cells (technical)
Message-ID: <004c01c3a8d1\$3ad49f30\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

.

> Hydrogen is a gas at room temperature. But to carry enough
> to run a laptop or FT-817 for Field Day it requires you carry the gas as
> a liquid.

I seriously doubt that. H₂ as a compressed gas is a much more practical
method of storage.

>

> Liquid Hydrogen is very cold. So if you want to store this stuff
> at room temperature you need to insulate it from the heat. You can't let
> the gas boiling off the liquid escape because it explodes in air. This
> means you need an insulated container that will withstand an enormous
> pressure.

Very cold indeed. But you would have to let gas escape in order to keep the
liquid cool. That's how it's conventionally done. And another reason you
won't mess with the liquid state. Maybe in spacecraft, but energy density
outweighs other considerations, such as cost, in that application.

A few Google hits show that in addition to liquid and compressed storage
states, there are innovative storage techniques where hydrogen may be
absorbed into another substance and later released for use. Or maybe it's
part of a compound. But in that case I have to ask, is it really hydrogen?

Kind of interesting ... in the IEEE's Spectrum magazine there is sometimes a
feature called "Whatever happened to ...?" It discusses promising
technologies that never quite panned out. Some time ago, the topic was fuel
cells. But now it seems that they are coming on strong again.

73--Nick, WA5BDU

Date: Tue, 11 Nov 2003 18:15:12 -0800
From: "Rich Johnson" <rjohnson390@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161078] KX1 Queations
Message-ID: <000701c3a8c2\$ce4499f0\$f877d30c@END0EB86CD98A1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Reflector:

Can any one help me understand the following:

- 1) Why the use of 2N4124 NPN transistors instead of 2N3904s?
- 2) What is the advantage of using J309 over the ever popular J310?
- 3) Why not use a double tuned filter in the front of the first mixer instead of a single tuned circuit?
- 4) Why does the K1 drives it's control relays directly from the PIC but the KX1 goes from the PIC thru a TC4427?
- 5) What is the advantage of muting both sides of the audio to the LM386?
- 6) Is there a graph of rms audio output voltage to agc voltage to gain of the NE602?
- 7) Why use LEDs for the display when a LCD display would consume less power?

Thats all for now.

Thank you for nay insight into the design.

cheers,
rich

Date: Tue, 11 Nov 2003 19:19:12 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [161079] FOX: Geeze
Message-ID: <Pine.LNX.4.44.0311111914290.4681-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had no problem working the early guy on 7.044 and thought it would be easy tonight. Heard someone on 7038.21 with a loud adjacent

carrier that I think is one Fox. He disappeard. Went up above 7.040 and hear a load of Hounds but not a peep from a Fox. Heard another MN station who was 579 but Jeff is not there for Southern NM.

Will watch some TV and come back later. It can't be worse in an hour...:-)

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 11 Nov 2003 21:31:51 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <k5di@zianet.com>, <qrp-1@Lehigh.EDU>
Subject: [161080] Re: FOX: Geeze
Message-ID: <3FB19B97.000006.01856@compaq1500>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

KR0U is on 7041.44 listening around 7043 I heard him at the beginning but could not find where he was listening then he faded out. Still trying to find K0UU. Hearing a hound (I think, may be a county hunter) on 7037. Good luck! =0D
73/72 - Mike WA8BXN

Date: Tue, 11 Nov 2003 21:35:45 -0500
From: "w8diz" <w8diz@cinci.rr.com>
To: <fpqrp-1@fpqrp.com>, <qrp-1@Lehigh.EDU>
Subject: [161081] Truffle Results and Vertical Antenna comments
Message-ID: <003001c3a8c5\$ad39dce0\$6701a8c0@amd433>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

WOW! What a difference a vertical makes...

Here are the results from truffle AA8FP:

N5ZE 559 TX LEW NR575
W5YR 559 TX GEORGE 5W
K5JHP 559 TX BILL 5W
AC5JH 559 OK TOM NR530
KK5LD 559 TX DAN 5W
K5SR 559 TX DALE 5W
K5DI 559 NM KARL 5W
W5TB 559 TX DOC NR128
K0EVZ 569 NM DOC NR49
K6XR 559 CA REGGIE 5W
N7MFB 449 WA NR419
W7ILW 459 AZ HOWARD NR523
KN5TX 559 TX GEORGE 5W
WB6EDQ 339 OR JERRY 5W

With my QTH being near Cincinnati Ohio, I found the results very interesting. My antenna is now a 66' Vertical dipole, center fed with 300 ohm line. I did not hear anything local. All signals were 1000 miles or more. Guess I need to add a horizontal dipole to pick up the locals :)

TNX all for a fun hunt.

72 & 'oo', Diz W8DIZ
<http://kitsandparts.com>

Date: Tue, 11 Nov 2003 20:42:08 -0600
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161082] 1000 miles per watt award
Message-ID: <000801c3a8c6\$9280a040\$2ce7add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone know if you calculate this award in a linear fashion or do you apply the inverse square formula to it.

de K0CD rob

did a ssb qso from kh6 to vk9d

5 watts ssb

Date: Tue, 11 Nov 2003 21:49:35 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161083] Ft. Wayne QRP Forum Reminder
Message-ID: <3FB1596F.10563.C80D03F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Don't forget the QRP Forum at the Ft. Wayne Indiana Hamfest this Saturday at 1:30 (til whenever). Bring your latest projects, questions, stories, whatever! See you there!

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 11 Nov 2003 20:47:46 -0600
From: "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
To: "QRP Canada" <qrp-canada@neale.gpfn.sk.ca>,
"QRP-L QRP LIST" <qrp-l@Lehigh.EDU>, <hubby2k@hotmail.com>
Subject: [161084] Re: FOX: Geeze
Message-ID: <009501c3a8c7\$5a90c060\$8700a8c0@accesscomm.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With the A index at 51, it's no wonder I'm hearing NOTHING.....3 Tuesdays in a row now...har! - Bruce ve5rc

----- Original Message -----

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 11, 2003 8:31 PM
Subject: Re: FOX: Geeze

> KR0U is on 7041.44 listening around 7043 I heard him at the beginning
but
> could not find where he was listening then he faded out. Still trying to
> find K0UU. Hearing a hound (I think, may be a county hunter) on 7037.
Good
> luck!
> 73/72 - Mike WA8BXN
>
>

Date: Tue, 11 Nov 2003 21:46:57 -0500
From: mmalone@ruggedridge.com
To: <qrp-1@Lehigh.EDU>
Message-ID: <200311120246.hAC2kv0V017668@rain.CC.Lehigh.EDU>

Receiv
HOSfrom 192.168.1.101 [64.72.55.114] by RUGGEDRIDGE.COM with ESMT
(SMTPD32-7.07) id AFF44AEE0480; Tue, 11 Nov 2003 20:50:28 -0600
From: Mike Malone KD5KXF <mmalone@ruggedridge.com>
To: "w8diz" <w8diz@cinci.rr.com>,
<fpqrp-1@fpqrp.com>,
<qrp-1@Lehigh.EDU>
Subject: Re: [fpqrp] Truffle Results and Vertical Antenna comments
Date: Mon, 10 Nov 2003 21:46:47 -0600
User-Agent: KMail/1.5.3
References: <003001c3a8c5\$ad39dce0\$6701a8c0@amd433>
In-Reply-To: <003001c3a8c5\$ad39dce0\$6701a8c0@amd433>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
Message-Id: <200311102146.47563.mmalone@ruggedridge.com>
X-Declude-Sender: mmalone@ruggedridge.com [64.72.55.114]
X-Note: This E-mail was scanned by Declude JunkMail (www.declude.com) for spam.

Your sig here was great, I caught the last two minutes, that was me that
called 00 when you finished. I had to get my Andy Griffith Show Reunion
thing in tonight... LOL

> With my QTH being near Cincinnati Ohio, I found
> the results very interesting. My antenna is now a
> 66' Vertical dipole, center fed with 300 ohm line.
> I did not hear anything local. All signals were
> 1000 miles or more. Guess I need to add a horizontal
> dipole to pick up the locals :)

Date: Tue, 11 Nov 2003 21:54:37 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: <rattray@accesscomm.ca>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161086] Re: FOX: Geeze
Message-ID: <000701c3a8c8\$506aad0\$a86c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

well, i started to participate 3 weeks ago. at least i am not the only one
having trouble hearing that furry critter. maybe we should try a cayote
i hear they are tougher than foxes..

Armin VE3TEQ

----- Original Message -----
From: "Bruce & Bonnie Rattray" <rattray@accesscomm.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 11, 2003 9:47 PM
Subject: Re: FOX: Geeze

> With the A index at 51, it's no wonder I'm hearing NOTHING.....3 Tuesdays
> in a row now...har! - Bruce ve5rc
> ----- Original Message -----
> From: "Mike WA8BXN" <hubby2k@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, November 11, 2003 8:31 PM
> Subject: Re: FOX: Geeze
>
>
> > KROU is on 7041.44 listening around 7043 I heard him at the beginning
> but
> > could not find where he was listening then he faded out. Still trying to
> > find KOUU. Hearing a hound (I think, may be a county hunter) on 7037.
> Good

> > luck!
> > 73/72 - Mike WA8BXN
> >
> >
>
>

Date: Tue, 11 Nov 2003 22:12:50 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [161087] Re: FOX: Geeze
Message-ID: <3FB1A532.9040106@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> KROU is on 7041.44 listening around 7043 I heard him at the beginning but
> could not find where he was listening then he faded out. Still trying to
> find KOUU. Hearing a hound (I think, may be a county hunter) on 7037. Good
> luck!

Exactly the same here. Then I did what Karl did and came back
later...now I can't even hear the hounds!

John W2AGN

Date: Tue, 11 Nov 2003 22:11:01 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161088] FOX SPOT:
Message-ID: <003601c3a8ca\$a31c31e0\$b4340843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

KROU is transmitting on 7.041.50, listening up.
KOUU is on 7.036.50 working simplex

Tom, N1TP
Naples, Florida

Date: Tue, 11 Nov 2003 22:24:01 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161089] Re: FOX: Geeze
Message-ID: <3FB1A7D1.7060609@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm hearing darn little of *anything* from 7000 to 7055 kHz. KROU was a solid S6 right at the start, but I don't think he was hearing any of the hounds answering his CQs.

Al, K2ZN

Date: Tue, 11 Nov 2003 22:25:08 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [161090] Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?
Message-ID: <000701c3a8cc\$949085c0\$3a26ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Enjoyed the reunion of Andy, Opey, Barney and Gomer tonight. There were also separate shots of Goober and Thelma Lou.

While they were sitting talking about the good ol' days there in the sheriff's office, the camera gave many good shots of the Heathkit HW-16 sitting on a desk behind the actors. The HW-16 hadn't been designed yet by the original show's end...or had it?

By the way...what was that piece sitting atop the HW-16 tonight...the one with the rather large chrome 'V' on the front?

IIRC, another rig that frequently appeared during the show's lifetime was an Eico 720...it appeared again tonight during one of the flashbacks.

I believe that Opey now has the least hair of the bunch :0)

And don't ya just love that whistle?

73.

Bill, N4QA

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

Date: Tue, 11 Nov 2003 20:38:57 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>

To: Tom Palmer <n1tp@swfla.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161092] Re: FOX SPOT:
Message-ID: <Pine.LNX.4.44.0311112037010.4681-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 Nov 2003, Tom Palmer wrote:

> KR0U is transmitting on 7.041.50, listening up.
> K0UU is on 7.036.50 working simplex

At 7.036.50 I hear nothing at all. There must be a wall up
between us. It is now 0339z and it is totally quiet on that frequency.

>
> Tom, N1TP
> Naples, Florida
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 11 Nov 2003 20:44:12 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [161093] FOX: Got one but...
Message-ID: <Pine.LNX.4.44.0311112040430.4681-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked kr0u and his numbers to me were 229 C0 TIM 5W and mine
to him were 339 NM KARL 5W. So the conditions are stinko!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 11 Nov 2003 22:49:10 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161094] FOX SPOT
Message-ID: <008c01c3a8cf\$ee6fb220\$b4340843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

K0UU is now on 7.038 simplex.

Tom, N1TP
Naples, FL

Date: Tue, 11 Nov 2003 19:52:11 -0800
From: "k6xr" <k6xr@bak.rr.com>
To: <k3ph@ptd.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161095] RE: FOX SPOT:
Message-ID: <FJEMKMMDBHGDJFBIEBAJIEBMDLAA.k6xr@bak.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

sure can't hear k0uu out west

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Bob Schreibmaier
Sent: Tuesday, November 11, 2003 7:27 PM
To: Low Power Amateur Radio Discussion
Subject: Re: FOX SPOT:

> K0UU is transmitting on 7.041.50, listening up.
> K0UU is on 7.036.50 working simplex

Worked K0UU pretty early in the hunt -- he actually
was peaking 579, at that time. Then, he faded out.
Never did hear K0UU. Thought I heard someone call
him at 7038.2, early in the hunt. Now, I can't
hear either one here in Eastern Pennsylvania.

ObQRP: Second problem: I need to align this old radio, and for that task I need a signal generator to generate signals from 465 kHz to around 1720 kHz to inject into various stages of the radio. I'm thinking to myself, "What do I have around here that would do that?" Nothing immediately occurs to me, so I started thinking about slapping together a VFO, or maybe finding a function generator on Ebay. But I felt like I was forgetting something. Then it hit me: I'd built a DDS VFO not too long ago! Bingo! Oughta work like a

charm! (I should mention that I built the DDS VFO that's documented on the Ham-PIC member project page on the NJQRP web site.) I checked it out and, sure enough, I can dial that sucker all the way down to 465 kHz. Woohoo! A piece of test equipment I didn't know I had!

BTW, this is a cool old radio. Runs off a 6V gelcel, and draws a couple amps. It's a tube rig, of course. The neat thing is the power supply. A mechanical vibrator inside the radio acts as a chopper, creating a crude square wave from the 6V DC input that's then run through a step-up transformer and then rectified to get ~100V DC for the plate voltage for the tubes. You can actually hear and feel the radio vibrate when you turn it on! My dad calls this a farm radio because it was likely designed to run off storage batteries kept charged by wind generators on the farm (where there was often no electricity available in the 30's). In fact, I have a radio my grandfather bought in the 40's when they first got electricity on their farm...

73 de Dave NK0E

Date: Tue, 11 Nov 2003 20:18:00 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161097] FOX: Nofer
Message-ID: <20031112041800.43774.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I ain't never seen it so bad. Hissy fuzz, is all.
Heard KR0U about 20 over from 0205-0220, then nada.

LL

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 11 Nov 2003 22:17:49 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161098] FOX: Not Tonight...
Message-ID: <2CFD26A6-14C7-11D8-92AB-000A957FF9F2@bolshoi.cc.misu.nodak.edu>

Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Listened around for about an hour before the hunts, and the band was not real great here. Went looking for the truffle, and although I could hear some of the pack OK (mostly Pesky Texans... :-), not a peep heard from the truffle. Since the foxii were closer in yet, I was not exactly hopeful.

Found the packs straight away, but the foxii were nowhere to be heard. Bad ju-ju. As the evening progressed, the pack faded to weak levels, and it looked like there would be no joy in Snowville tonight. :-(

Oh well, so it goes. Sometimes the propagation gods smile on you, and other times they throw the wet blanket over your antennas. There's always next week! :-)

72/73,

Todd, AG0T

Date: Tue, 11 Nov 2003 22:28:16 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w8diz@cinci.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161099] Re: Truffle Results and Vertical Antenna comments
Message-ID: <019201c3a8d5\$68a7e580\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

W5YR sent NR 404, Diz, but don't worry about it. Good sigs from that new vertical. I have been thinking of putting up a similar antenna here.

Still can't figure out how Lew slipped in there ahead of me! <:}

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "w8diz" <w8diz@cinci.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, November 11, 2003 8:35 PM

Subject: Truffle Results and Vertical Antenna comments

> Hi Gang,

>

> WOW! What a difference a vertical makes...

>

> Here are the results from truffle AA8FP:

>

> N5ZE 559 TX LEW NR575

> W5YR 559 TX GEORGE 5W

> K5JHP 559 TX BILL 5W

> AC5JH 559 OK TOM NR530

> KK5LD 559 TX DAN 5W

> K5SR 559 TX DALE 5W

> K5DI 559 NM KARL 5W

> W5TB 559 TX DOC NR128

> K0EVZ 569 NM DOC NR49

> K6XR 559 CA REGGIE 5W

> N7MFB 449 WA NR419

> W7ILW 459 AZ HOWARD NR523

> KN5TX 559 TX GEORGE 5W

> WB6EDQ 339 OR JERRY 5W

>

> With my QTH being near Cincinnati Ohio, I found

> the results very interesting. My antenna is now a

> 66' Vertical dipole, center fed with 300 ohm line.

> I did not hear anything local. All signals were

> 1000 miles or more. Guess I need to add a horizontal

> dipole to pick up the locals :)

>

> TNX all for a fun hunt.

>

> 72 & 'oo', Diz W8DIZ

> <http://kitsandparts.com>

>

>

>

>

Date: Tue, 11 Nov 2003 22:29:43 -0600
From: "George, W5YR" <w5yr@att.net>
To: <llachow@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161100] Re: Nofer
Message-ID: <019601c3a8d5\$9914bf40\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lloyd, I heard you several times, plenty loud. Condx were worst I can remember for a Fox Hunt.

Did you ever hear me?

George

----- Original Message -----
From: "Lloyd Lachow" <llachow@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 11, 2003 10:18 PM
Subject: FOX: Nofer

> I ain't never seen it so bad. Hissy fuzz, is all.
> Heard KR0U about 20 over from 0205-0220, then nada.
>
>
> LL
>
> -----
> Do you Yahoo!?
> Protect your identity with Yahoo! Mail AddressGuard
> <http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 11 Nov 2003 20:37:17 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-1@lehigh.edu>
Subject: [161101] FOX: Thanks, Jim!
Message-ID: <20031112043717.62735.qmail@web41014.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a feeling I speak for many of us when I say thanks, Jim, for being there through the Hunt, to keep these timely messages flowing.

Even on a miserable night like tonight. Or
-especially on a night like tonight...

72,

LL

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 11 Nov 2003 21:34:59 -0800
From: "Bill Smith" <billsmith@ispwest.com>
To: <ekdave@earthlink.net>, <qrp-1@lehigh.edu>
Subject: [161102] Re: Old radio, dial cords, & signal generators
Message-ID: <004501c3a8de\$c66acd00\$0200a8c0@HBC0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Dave

You can purchase new dial cord from Antique Electronic Supply in Tempe, AZ.

<http://www.tubesandmore.com>

They have replacement tubes and all sorts of other old radio parts.

Regarding alignment, I use known radio stations as "signal generators".

IF alignment example at 455khz:

1. Select a strong local station, note its broadcast frequency (not radio dial frequency).
2. Add 455khz to the broadcast frequency. (Or the IF frequency specified for the receiver)

3. Using a separate receiver (portable or ham with a digital readout), set to frequency calculated in step 2.
4. Tune the receiver under test until you can hear its local oscillator at the frequency calculated in step 2 in the receiver with the digital readout. Use bfo zero-beat.
5. Adjust the IF trimmers to receive the strong local station in the receiver under test.
6. Once adjusted, it is best to select a weak station and repeat to really peak the IF under weak signal conditions. IF adjustments interact, so it is best to go through them several times.

Once the IF is aligned, you can use the same technique to align the local oscillator with the frequency indications on the dial. Either find stations at either end of the dial and use them as calibration points, and/or set the receiver with digital readout at the station frequency + 455KHz, set the receiver dial to the correct readout and adjust the local oscillator pad until you hear the local oscillator in the digital receiver. Also adjust the receiver's mixer trimmer. Both are commonly found on the side of the variable capacitor. You can tell which is the oscillator adjustment by putting your finger on the trimmers and listening for oscillator shift.

By the way, schematics and limited alignment instructions for many radios are found at:

www.nostalgiaair.org/NostalgiaAir/schematics/schem000.htm

Have fun. If you haven't, you should consider replacing all the tubular paper capacitors in the set, and test the values of the resistors. Resistors can vary as much as 20-30% (usually drift high) but you may find some which have drifted way off value. The tubular capacitors have likely developed leakage. At least replace the coupling capacitor to the grid of the final audio amplifier tube.

Hope this helps.

73 de Bill, AB6MT
billsmith@ispwest.com

----- Original Message -----

From: Dave Ek

To: Low Power Amateur Radio Discussion

Sent: Tuesday, November 11, 2003 7:52 PM

Subject: OT: Old radio, dial cords, & signal generators

Gang,

I'm working on an old radio of mine, giving it a tune-up (it's a Coronado model 504, made in the mid-1930's). First problem: the dial cord broke (you know, the cord used as a belt to connect the tuning knob to the tuning capacitor). Anybody know of a readily-available substitute for the dial cord? Something I'd find around the house, maybe?

ObQRP: Second problem: I need to align this old radio, and for that task I need a signal generator to generate signals from 465 kHz to around 1720 kHz to inject into various stages of the radio. I'm thinking to myself, "What do I have around here that would do that?" Nothing immediately occurs to me, so I started thinking about slapping together a VFO, or maybe finding a function generator on Ebay. But I felt like I was forgetting something. Then it hit me: I'd built a DDS VFO not too long ago! Bingo! Oughta work like a charm! (I should mention that I built the DDS VFO that's documented on the Ham-PIC member project page on the NJQRP web site.) I checked it out and, sure enough, I can dial that sucker all the way down to 465 kHz. Woohoo! A piece of test equipment I didn't know I had!

BTW, this is a cool old radio. Runs off a 6V gelcel, and draws a couple amps. It's a tube rig, of course. The neat thing is the power supply. A mechanical vibrator inside the radio acts as a chopper, creating a crude square wave from the 6V DC input that's then run through a step-up transformer and then rectified to get ~100V DC for the plate voltage for the tubes. You can actually hear and feel the radio vibrate when you turn it on! My dad calls this a farm radio because it was likely designed to run off storage batteries kept charged by wind generators on the farm (where there was often no electricity available in the 30's). In fact, I have a radio my grandfather bought in the 40's when they first got electricity on their farm...

73 de Dave NK0E

Date: Wed, 12 Nov 2003 00:36:19 -0500
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <W1REX@megalink.net>
Subject: [161103] LOBSTERCON 2004!
Message-ID: <007f01c3a8de\$e751a700\$3c3ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK QRP Gangue!

You heard all about the fun at Pacificon....

The "new con" on the block, OZarkcon has now been bandied about.....

so now its time to hear about the PREMIERE QRP camping weekend get-together of the upcoming new year.....

LOBSTERCON 2004!

Yes, I typed LOBSTERCON 2004!

Picture this:

As you shift your gaze past the edge of a beautifully manicured field, suitably sized to launch immense sled-shaped flying machines capable of lifting antlers 160 meters long, there are dozens and dozens and dozens, maybe 8 or 9 dozen tops, of makeshift campsites that resemble the cities of 'lost men', except for maybe that 1 giant NASA rocket ship inspired rolling "sardine sender" laying mobile on its side as if it was recently transported there from a far distant shore, interspersed in a large clump of very tall pine trees, which all seem to be dripping lead sinkers, washers, tennis balls, arrows, fruit and assorted whatnot attached to long threadlike tree snakes, with each campsite sporting either a solitary figure or a small group of 'alien' figures, clad in a characteristically un-uniform uniforms uniformly emblazoned with some form of hieroglyphic identity involving seemingly tongue twisting combinations of letters with a single digit interspersed, hunched over picnic tables covered with homebrew creations that appear to be the spilled remains from the collision of a home delivery spaghetti wagon and an Altoids truck, talking in strange 'tongues' where numbers seem to outnumber the letters, like 2N2222, FT817, VT204, 1N4004 and SN612, while in the background strange 'dit-dah' sounds are emanating from every tent, pop-up, blue tarp, tree, shrub, rock and shadow.

Suddenly; an oscillating cry pierces the scene, which snaps the trance-like behavior of practically every 'alien' life form in the thicket, and brings them running ravenously through the forest at breakneck speed to a central clearing, where a horde of another even more hideous alien life forms, shaped like giant flaming red spiders with immense fangs, are seemingly flying out of a freshly landed vat-shaped spacecraft on white pie-plate shaped miniature flying saucers aimed directly at the gastrointestinal tract entry orifice of the previously landed alien life forms thereby reducing them all to vertically challenged centrally bloated pods.

Very, very, very much later in that very same night, hardly a vertically challenged centrally bloated pod is hunched over their spaghetti soup covered operating tables, but those strange and eerie 'dit-dah' sounds are still emanating from every practically every tent, pop-up, blue tarp, tree, shrub, rock and shadow.

All is well in the hundred acre wood after a typical Saturday at LOBSTERCON.

WHO: QRPers with a few hall-of-famers and a qrp-er-of-the-yearer thrown in to boot!

WHAT: LOBSTERCON 2004!

WHERE: Thomas Point Beach & Campground, Brunswick, Maine

WHEN: July 9,10, & 11 2004

WHY: To enjoy the company and camaraderie of present and future QRP friends!

WHOW MUCH: Probably about 35 bux (per alien life form) for the weekend...

Mark it down on your calendars.....

Stay tuned for more.....

Reply with request to be added to a Email update list....

See <http://www.wulfdan.org/Lobstercon> for pics of LOBSTERCON 2003!.....

72 & thanks for the bandwidth!

W1REX Rex Harper "The Tinman"

Date: Wed, 12 Nov 2003 00:29:10 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: ekdave@earthlink.net,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [161104] Re: OT: Old radio, dial cords, & signal generators

Message-ID: <3.0.6.32.20031112002910.007abe40@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>know, the cord used as a belt to connect the tuning knob to the tuning
>capacitor). Anybody know of a readily-available substitute for the dial
>cord? Something I'd find around the house, maybe?

>

You could try dental floss. Or rubbing a little wax into some thin nylon
cord to give it a little more grip.

Man, I hate restringing dials. Figuring out how those strings run can drive
you to drink!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 12 Nov 2003 00:49:01 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: rjohnson390@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161105] Re: KX1 Queations
Message-ID: <3.0.6.32.20031112004901.007af380@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

- >1) Why the use of 2N4124 NPN transistors instead of 2N3904s?
- >2) What is the advantage of using J309 over the ever popular J310?

You might try comparing the data sheets, that could give a clue. Or maybe they got a good deal on the '4124's and '309's :-)

- >3) Why not use a double tuned filter in the front of the first mixer
- >instead of a single tuned circuit?

Because it's simpler to retune a single tuned circuit over the frequency span the KX1 covers and contrainsts on the amount of real estate available in the box.

- >4) Why does the K1 drives it's control relays directly from the PIC but the
- >KX1 goes from the PIC thru a TC4427?

To latch and unlatch a latching relay, you need to reverse the polartiy of the signal to the coil. That normally would take two I/O port bits from the processor to do. I'm guessing here, but I suspect the TC4427 does that job with only one control bit. The processor used in the KX1 has fewer port bits available than the one used in the K1, so they had to be carefull and clever on how thier used.

- >5) What is the advantage of muting both sides of the audio to the LM386?

Because the '386 is used as a differential ampliifer, so both inputs have to be turned off. Other wise, it would only be a half-mute.

- >6) Is there a graph of rms audio output voltage to agc voltage to gain of

>the NE602?

If there is one, I doubt it's been published.

>7) Why use LEDs for the display when a LCD display would consume less
>power?

>

You need a special driver (or cpu) to use a LCD and there are a lot of connections to a LCD, as every segment needs a sperate connection. It also takes up more space than a LED, partly because you have to route all those connections. LED's are also easier to read in low light conditions. Plus the KX1 uses a very low current LED display, so it isn't that much of an issue.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Wed, 12 Nov 2003 00:53:48 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: n5ib@juno.com,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [161106] Re: RockMite loses magic smoke

Message-ID: <3.0.6.32.20031112005348.007ac670@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>A local buddy had a short circuit between the headphones and reverse
>polarized the power to his RockMite 20, with less than stellar results...

Okay Jim, we know it couldn't have been you :)

I belive the only part which can be damaged is the op amp. The keyer chip is protected by the zener diode and the transistors don't mind.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Tue, 11 Nov 2003 23:11:57 -0700

From: Tim Groat <tcgroat@earthlink.net>

To: qrp-1@lehigh.edu
Subject: [161107] FOX: KR0U preliminary log
Message-ID: <5.1.1.6.2.20031111223143.00a110a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A broken key connector delayed my start. Seeing it would take too long to fix it, I set up to do all the keying with the 486 laptop and CT. CT does not support the Fox Hunt--if you listened for long, I'm sure you heard evidence of my fumbling between the keyboard for sending and the paper for logging!

A large wind storm is blowing through Larimer County today, making temporary mask erection a hopeless proposition. Thus the temporary NVIS dipole had to stay in the field box. That made it quite hard to hear the close-in folks, but three in-state hounds managed to bag their Colorado pelts this time around. There was a pipeline to the southern states, from the Texans through Louisiana and on to Alabama. The wind static got pretty bad during the last hour, and I know many others were trying besides those calls in the log below. Luckily the laptop's battery saved the log lost when the wind started flickering the lights at 0315Z.

About the name I sent: "TC" was my dad's (W8TMH-sk) signature when he was a USN chief radioman during WW2. When I found out I was on "Fox watch" for Veteran's Day, I decided to use it as a memorial to him and all other hams who served "for the duration".

Here's the log. Please send any corrections to me directly, and I'll post the final version later this week. Thanks everybody, it was fun!

UTC CALL RCVD QTH NAME PWR SENT NOTES

0208 W0NTA 559 CO DICK 5W 339
0209 K3PH 559 PA BOB 5W 559
0210 W5TB 559 TX DOC 5W 559
0211 KK5LD 559 TX DEAN 5W 559
0213 K8KFJ 570 WV GARY 5W 339

0216 W5YR 559 TX GEORGE 5W 559
0217 N4DD 559 TN DENNIS 5W 559
0218 K6VNX 559 CA ARLEN 5W 339
0219 K5DW 559 TX DON 5W 559
0219 N5ZE 559 TX LAW 5W 339

0220 N4ROA 559 VA DAN 5W 579
0221 N3BJ 559 VA ALAN 5W 559
0223 N4IM 559 TX COLE 5W 559
0225 K4GT 559 GA JIM 5W 339

0225	K5BGB	579	TX	ROD	5W	559	
0227	K5PSH	559	TX	JERRY	5W	559	
0228	K0EVZ	589	NM	DOC	5W	579	
0228	K5ZTY	559	TX	BILL	5W	339	
0230	K5EOA	559	LA	WAYNE	5W	579	
0231	N5IB	559	LA	JIM	5W	559	
0231	N5YFC	559	LA	WAYNE	5W	339	
0233	KD5UDB	559	LA	CHRIS	5W	559	
0234	K5DI	339	NM	KARL	5W	339	
0236	N1FN	559	CO	ET	5W	339	
0238	KG6WP	559	CA	WARD	5W	559	
0240	W5KDJ	559	TX	WAYNE	400MW	339	
0241	AF4LQ	559	KY	MIKE	5W	339	
0242	AG4PJ	559	AL	DAVE	5W	559	
0245	AC7A	339	AZ	TOM	5W	559	
0247	KB9YIG	559	IN	TONY	2W	339	
0250	KG0PP	559	CO	JIM	5W	339	
0252	AJ4AY	559	AL	JAY	5W	559	
0254	WA7LNW	579	NM	JACK	5W	579	
0255	AB9CA	559	AL	DAVE	5W	579	
0257	W7ILW	559	AZ	WALT	5W	559	
0305	W2XN	559	FL	FRED	5W	339	
0306	N9AW	339	WI	JERRY	5W	339	
0309	NK9G	559	WI	RICK	5W	559	
0310	WA9TZE	59	WI	JIM	5W	559	
0311	NV4V	559	KY	PETE	5W	339	
0312	K4CMC?					559	
0314	W9XU	559	WI	LON	5W	559	
0319	AA50	579	LA	VERN	5W	579	
0324	KD5UDB	559	LA	CHRIS	5W	559	
0327	K6XR	579	CA	REGGIE	5W	579	
0328	W4NJK	559	CA	CHARLIE	5W	339	
0330	KE6AS?					339	
0333	N0IT	559	MO	DAVE	5W	559	
0335	AA7EQ	559	AZ	BOB	5W	559	
0339	KI0RB?					339	
0342	AK7Y	559	AZ	GREG	5W	339	
0344	N0EA	449	MO	WAYNE	5W	339	
0347	KK5LD	559	TX	DAN	5W	579	
0349	N0JRN?					339	

0352 W9XT 559 WI GARY 5W 559

0353 W5JAY? 339

0356 W8DIZ 339 OH DIZ 5W 339

0357 AC7A 339 AZ TOM 5W 559

0400 K0UU FOX MN JEFF 5W

0400 KR0U FOX CO TC 5W

Date: Wed, 12 Nov 2003 06:20:04 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, "George Baker" <w5yr@att.net>,
"Lew Paceley" <lew@paceley.com>,
Subject: [161108] NETXQRP Club Meeting, Saturday 15 November
Message-ID: <3.0.2.32.20031112062004.0083a230@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

All who are interested are invited to attend. Hope to see you there.

Saturday, November 15, 2003 -- 1:00 to 3:00 pm (or so)

Los Hermanos
1500 W. Moore Ave (US80 West)
Terrell, TX 75160
972-524-5580

Directions:
Los Hermanos is on the West side of Terrell. It is on the North side of US80 (Moore Ave.) about a block East of the intersection of US80, SH205, and SH148. SH205 goes North from US80 toward Rockwall and SH148 goes South back across IH20. Los Hermanos is a small restaurant next to a Payless Shoe Source.

If you have a favorite QRP something you'd like to bring along, please do. Each month we also have a *Door Prize* drawing. Bring an item to share for the door prize table. A drawing is held at the end of the meeting to *redistribute* the wealth. Everyone attending gets a chance at one (or more) of the prizes. Good food, good conversation and good company. Come join the fun!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Wed, 12 Nov 2003 07:34:30 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161109] FOX: Thanks, Jim
Message-ID: <001c01c3a919\$520a7740\$b4340843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'll second that sentiment.

Thanks, Jim, for being there to forward e-mail messages to
the group during the Foxhunts.

Tom, N1TP
Naples, Florida

Date: Wed, 12 Nov 2003 12:41:35 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: qrp-l@lehigh.EDU
Message-ID: <20031112.044214.10660.749205@webmail04.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Heard K0UU for the 1st 20 minutes then pftttt he was gone. Got K0RC
after a zillion calls with .4 watts. Band was really noisy, think
BPL is turned on here in Houston.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL HQRP

Date: Wed, 12 Nov 2003 08:16:54 -0500
From: "David Hinerman" <WD8CIV@worldnet.att.net>

To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [161111] RE: Old radio, dial cords, & signal generators
Message-ID: <000101c3a91f\$3e39edd0\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm working on an old radio of mine, giving it a tune-up (it's a Coronado
> model 504, made in the mid-1930's). First problem: the dial cord
> broke (you
> know, the cord used as a belt to connect the tuning knob to the tuning
> capacitor). Anybody know of a readily-available substitute for the dial
> cord? Something I'd find around the house, maybe?

Dave,

I haven't tried it, but I wonder if multiple strands of dental floss might work. It's strong, doesn't seem to stretch much, and the unwaxed kind isn't very slippery.

> BTW, this is a cool old radio. Runs off a 6V gelcel, and draws a couple
> amps. It's a tube rig, of course. The neat thing is the power supply. A
> mechanical vibrator inside the radio acts as a chopper, creating a crude
> square wave from the 6V DC input that's then run through a step-up
> transformer and then rectified to get ~100V DC for the plate
> voltage for the
> tubes. You can actually hear and feel the radio vibrate when you
> turn it on!

In the "good old days" when you could buy TV tubes at the drug store, the in-store tube tester many times could test power supply vibrators as well.

I had an old Motorola VHF mobile radio set that used a vibrator to power the receiver and a dynamotor (12VDC motor turning a high voltage generator) to power the transmitter. Efficiency? We don't need no steenking efficiency. Heck, the car probably lost 2 MPG just hauling around the sheet metal.

> My dad calls this a farm radio because it was likely designed to run off
> storage batteries kept charged by wind generators on the farm (where there
> was often no electricity available in the 30's). In fact, I have
> a radio my
> grandfather bought in the 40's when they first got electricity on their
> farm...

We now return to "Music to Milk By" on WATH-AM, Athens, Ohio!

Dave

Date: Wed, 12 Nov 2003 08:38:40 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [161112] Re: Speaking of the Andy Griffith Show reunion...anybody else see that
fine HW-16 on the desk?
Message-ID: <3FB237E0.7D4D4EF7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I also saw the reunion show. Since the radios were just props, I presume the set decorators thought any old radio would work, and truly, what percentage of viewers know the difference! I also saw the Eico in a flashback. As for the chrome V radio,, I seem to remember it as a CB rig. I just can't remember where I saw it!

Good show. Note, the actors have hair, the directoe/producer is loosing his!

73

Date: Wed, 12 Nov 2003 07:50:45 -0600
From: "sjolin" <sjolin@swbell.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161113] Re:
Message-ID: <2cc301c3a923\$faa0fd70\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I guess Im going to have to start taping "24". By the end of the show, one of the foxii always seems to have gone from copiable to ESP levels. Then if I could remember to turn off the computer and TV etc upstairs, something is putting a chunk of S7 or better noise around 7036 - 7038.

73 de Dave, N0IT

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, November 12, 2003 6:41 AM

>

> Heard K0UU for the 1st 20 minutes then pftttt he was gone. Got K0RC

> after a zillion calls with .4 watts. Band was really noisy, think

> BPL is turned on here in Houston.

>

>

> Wayne_W5KDJ

> Ex: SV0WWW_TF2WJN *e-QSL*

> ARS_1392 ARCI_11325 FP_626

> FISTS_10060 SOC_538 ARRL HQRP

>

Date: Wed, 12 Nov 2003 09:01:15 -0500

From: "Winston F. Jones" <winjones@ix.netcom.com>

To: <bill@n4qa.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [161114] Re: Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?

Message-ID: <00c501c3a925\$71954d40\$710afea9@winston>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It seems as if I recall seeing some old Hallicrafters stuff sitting in the background in some of those old shows.

73, Winston K4CWQ

----- Original Message -----

From: <bill@n4qa.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, November 11, 2003 22:25 PM

Subject: Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?

> Enjoyed the reunion of Andy, Opey, Barney and Gomer tonight. There were

also

> separate shots of Goober and Thelma Lou.
> While they were sitting talking about the good ol' days there in the
> sheriff's office, the camera gave many good shots of the Heathkit HW-16
> sitting on a desk behind the actors. The HW-16 hadn't been designed yet by
> the original show's end...or had it?
> By the way...what was that piece sitting atop the HW-16 tonight...the one
> with the rather large chrome 'V' on the front?
> IIRC, another rig that frequently appeared during the show's lifetime was
an
> Eico 720...it appeared again tonight during one of the flashbacks.
> I believe that Opey now has the least hair of the bunch :0)
> And don't ya just love that whistle?
>
> 73.
> Bill, N4QA
> <http://www.n4qa.com>
>

Date: Wed, 12 Nov 2003 09:20:52 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: w6toy@erols.com, qrp-1@Lehigh.EDU
Subject: [161115] Re: Speaking of the Andy Griffith Show reunion...anybody else
see that fine
HW-16 on the desk?
Message-ID: <Law11-F35jhhkdaJ4CPd0006077e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think that was a Motorola - I used to work at a Sheriff's Office in KS in the late 70's and we had some like that in the basement EOC - they were control heads for the TX/RX units in another room in the basement. They were HUGE and I remember having to dispatch from them every time there was a tornado warning for the county - the regular dispatch console was much newer, but it was upstairs and SOP was for the jailer(me) to re-locate to the EOC when a tornado warning was issued for the county to take over in case the SO was hit. Never figured out the logic of that since the tower was next to the SO and if the building was damaged to the point of it being inoperable, the tower would probably be gone anyway.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan
MultiPig+ #3 - K2 #3555
DSW-II-20 - SW-40+ - SW-30+
RM-20 - RM-40

NJQRP #329 - FPQRP #-347 - SOC #499
GACW #622 - ARS #1363 - QRP Canada #248
Charter Member - Michigan DX Association
www.qsl.net/wb0wao
:=)

>From: Bruce Muscolino <w6toy@erols.com>
>Reply-To: w6toy@erols.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Speaking of the Andy Griffith Show reunion...anybody else see
>that fine HW-16 on the desk?
>Date: Wed, 12 Nov 2003 08:38:40 -0500
>
>
>I also saw the reunion show. Since the radios were just props, I
>presume the set decorators thought any old radio would work, and truly,
>what percentage of viewers know the difference! I also saw the Eico in
>a flashback. As for the chrome V radio,, I seem to remember it as a CB
>rig. I just can't remember where I saw it!
>
>Good show. Note, the actors have hair, the directoe/producer is loosing
>his!
>
>73
>

Compare high-speed Internet plans, starting at \$26.95.
<https://broadband.msn.com> (Prices may vary by service area.)

Date: Wed, 12 Nov 2003 09:25:17 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [161116] Re: Noise
Message-ID: <200311120925.17528.jsielke@pobox.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

>I guess Im going to have to start taping "24". By the end of the show, one
>of the foxii always seems to have gone from copiable to ESP levels. Then if
>I could remember to turn off the computer and TV etc upstairs, something is
>putting a chunk of S7 or better noise around 7036 - 7038.

I had that noise here also, over S9. It isn't the computer. Didn't dare turn
off TV as XYL was watching "24."

John W2AGN

Date: Wed, 12 Nov 2003 09:30:10 -0500
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [161117] Good source for small tools
Message-ID: <BAY1-F79G1KiaexdDA000000524@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Good source for small tools is <http://www.scissorsales.com/>
I recently bought a magnifying hood similar to the "Optivision" from them it
was made in "Ahina" but great for the price of \$9,95 instead of \$30 or so.
Also got a 'watch wrench' and fixed the bad switch in my watch when it would
not reset back to sdt time. They stock all sorts of small tools. Place has
free shipping and my order came in 2 days! No affiliation etc.. QRP
content wish I had the mag hood when fixing the burned trace on the '817.

Paul Gerhardt
K3PG on the Eastern Shore of MD
pgerhardt@hotmail.com

Crave some Miles Davis or Grateful Dead? Your old favorites are always
playing on MSN Radio Plus. Trial month free!
<http://join.msn.com/?page=offers/premiumradio>

Date: Wed, 12 Nov 2003 09:47:42 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <w1rex@megalink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [161118] RE: LOBSTERCON 2004!
Message-ID: <001601c3a92b\$ede4f980\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rex, I don't know what you do for a living, but if it isn't creative writing
you've missed your mark!

Thanks for a great reminder about Lobstercon. I've marked my Palm Pilot and
calendar.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Rex Harper
Sent: Wednesday, November 12, 2003 12:36 AM
To: Low Power Amateur Radio Discussion
Subject: LOBSTERCON 2004!

OK QRP Gangue!

You heard all about the fun at Pacificon....

The "new con" on the block, OZarkcon has now been bandied about.....

so now its time to hear about the PREMIERE QRP camping weekend get-together
of the upcoming new year.....

LOBSTERCON 2004!

Yes, I typed LOBSTERCON 2004!

Picture this:

As you shift your gaze past the edge of a beautifully manicured field,
suitably sized to launch immense sled-shaped flying machines capable of
.....

Date: Wed, 12 Nov 2003 09:48:38 -0500
From: "Paul F. Ryan" <pfr2@Lehigh.EDU>
To: qrp-l@lehigh.edu
Subject: [161119] Re: OT: Old radio, dial cords, & signal generators
Message-ID: <3FB24846.1020903@lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Dave Ek wrote:

> Gang,
>
> I'm working on an old radio of mine, giving it a tune-up (it's a Coronado
> model 504, made in the mid-1930's). First problem: the dial cord broke (you
> know, the cord used as a belt to connect the tuning knob to the tuning
> capacitor). Anybody know of a readily-available substitute for the dial
> cord? Something I'd find around the house, maybe?
>

I've performed that tedious task in the past using carpet thread. Just
happened to have a spool in my wife's sewing box. Color shouldn't
matter, but I used dark green... :)

73,
Paul, NOKIA

Paul F. Ryan
Lehigh University Computing Center
EWFM 8B, Rm 294
610-758-5852 (pfr2@lehigh.edu)

Date: Wed, 12 Nov 2003 10:12:57 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu, ekdave@earthlink.net
Subject: [161120] Re: OT: Old radio, dial cords,
Message-ID: <3FB24DF9.8060103@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

>
> I'm working on an old radio of mine, giving it a tune-up (it's a Coronado
> model 504, made in the mid-1930's). First problem: the dial cord broke (you
> know, the cord used as a belt to connect the tuning knob to the tuning
> capacitor). Anybody know of a readily-available substitute for the dial
> cord? Something I'd find around the house, maybe?

AQntique Radio Supply has dial cord in 25' lengths, even different
sizes. I got some a while ago when I was restoring an old Heath Pawnee
and Shawnee.

Check <http://www.tubesandmore.com>

John W2AGN

Date: Wed, 12 Nov 2003 07:21:56 -0800
From: "Walter Costa" <walt3120@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [161121] RE: Easiest to Install BNC Connector?
Message-ID: <Law15-F108m03yMJiQT00025442@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Back in the days when Monte Stark was on the list he recommended Amphenol
41-3700.

I've used them occasionally with good success.

Here's the link to his post.

<<http://qrp.kd4ab.org/1999/990806/0042.html>>

Frustrated with dial-up? Get high-speed for as low as \$26.95.
<https://broadband.msn.com> (Prices may vary by service area.)

Date: Wed, 12 Nov 2003 07:36:43 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [161122] Re: Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?

Message-ID: <20031112153643.22876.qmail@web21409.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Yes i was inspired by the HW-16 (but not Opey's hair - next subject please!) and maybe I will open the cover of mine and look for some replacement caps (if i can afford them vs. a new qrp rig!). Even the xyl thought that rig looked familiar (it is only about 15 feet from our TV).

I think i stopped using my HW-16 because (1) i don't have a high voltage keyer and (2) the time it takes to warm up. It either needs fixing or a new home, and i am leaning toward the former again. As for my HW-8, well its not being used these days and at least the HW-16 is a superhet.

We can give them credit for using a ham rig on the bottom to replace the other ham rig that was there before!

curt wb8yyy

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard

<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 12 Nov 2003 10:39:26 -0500

From: "JBCrafts" <jbcraft@adelphia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [161123] dial cord

Message-ID: <AGEJJBFLPLHMOECFDINOGEGLD0AA.jbcraft@adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have not seen this reply yet, so i will add what we used to do.

MANY YEARS AGO, we used to use "catfish line". I worked at a electronics

shop inside a department store... we serviced everything the store sold... consumer audio, pro audio, cb and marine radio... whenever I needed to repair the dial cord on a am radio, I would go over to the sporting goods department and find heavy weight cat fish braided fishing line.

In extreme cases, we might need to add some bees wax to give the line some "sticky"

If you do not find "dial cord" try the sporting goods store.

Bob K8YS

Date: Wed, 12 Nov 2003 10:44:47 -0500
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [161124] NORCAL BLT mod for coax
Message-ID: <Law9-F91F673jbAlZ8r00010cbf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I was looking at the mod to allow coax to be connected to the tuner. I think IMPLIED is:

you can not have both parallel and coax anennas connected at the same time.
Please correct me if I am wrong.

Why wasn't a double-pole switch used to switch both ground and hot sides of the output?

Also, can a minature meter be connected to the led for an analog output?

Thanks

MSN Messenger with backgrounds, emoticons and more.
http://www.msnmessenger-download.com/tracking/cdp_customize

Date: Wed, 12 Nov 2003 10:45:21 -0500
From: geoff allsup <gallsup@whoi.edu>
To: michael.babineau@sympatico.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [161125] Re: Indoor Attic mounted antenna vs outdoor antenna
Message-ID: <3FB25591.6040901@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Michael

As others have said, it's pretty hard to predict. But indoor antennas do work - here's a quick rundown of my recent experience:

I have a 40 meter dipole fed with 300 ohm twinlead in the attic of my condo - it's just tossed into the corners of the attic in kind of a big U-shape. Rig is an FT-897 and an MFJ-941 tuner. I generally run between 5 and 25 watts. It tunes 80 meters thru 6 meters except for 17 meters - who knows why :-)

CQ WW SSB a couple of weeks ago netted a hundred-something contacts in 53 DXCC countries in a few hours ops scattered thru the weekend, plus a 6 meter SSB contact in western Tennessee (I'm on Cape Cod, MA) during an opening on Saturday, as I recall.

A few days later, made a 6 meter CW Aurora contact to western Maryland off the same 40 meter attic dipole

ARRL CW SS I chased section multipliers, again a few hours scattered throughout the contest, and made about 125 contacts in 60 sections...

So go for it - sure I'd like real outdoor antennas, but you've got to use what you can.

73,
geoff

Michael Babineau wrote:

> Anyone have any idea as to how much signal attenuation one could expect for
> a attic mounted doublet vs the same antenna mounted outside at the same
> height? This is assuming a house with normal woodframe construction, roof
> shingles etc.

>

> I know that lots of folks operate with indoor attic antennas quite
> successfully,

> I'm just wondering if anyone can quantify how much signal attenuation to
> expect. Are we talking 3db, more, less?

>

> Michael VE3WMB

>

--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@whoi.edu
Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Wed, 12 Nov 2003 09:45:56 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w5kdj@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161126] Re:
Message-ID: <004101c3a934\$1103c880\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to admire your skill and perseverance, Wayne, to tackle last evening's Foxii with 400 mW! I've been chasing pelts since 1998 and I cannot recall any Hunt with such weak signals.

I got Tim ("TC") fairly soon while he had a workable signal in here, but Jeff was a different story. Jeff was vapor most of the time. I must confess and apologize to him and the Pack to working him four times before I could hear the acknowledgement. The first three times his exchange came through and I sent mine and then QSB set in and while I could hear his 30-wpm signal I couldn't make out enough in the noise to know whether he got me in the log. So, my apologies, Jeff, for any dupes.

So, last evening's "two-fer" came from a lot of listening to a lot of noise and vapor signals.

Again access to a variety of antennas was demonstrated to be a valuable tool. The Butternut HF-9V vertical ended up fetching both pelts for the barn door.

Someone said the A-index was 56 last evening - I don't doubt it!

Thanks to the Foxii for sticking out what must have been two very difficult hours!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"Starting the 58th year and it just keeps getting better!"
w5yr@att.net

----- Original Message -----

From: "Wayne_W5KDJ" <w5kdj@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 12, 2003 6:41 AM

>
> Heard K0UU for the 1st 20 minutes then pftttt he was gone. Got K0RC
> after a zillion calls with .4 watts. Band was really noisy, think
> BPL is turned on here in Houston.
>
>
> Wayne_W5KDJ
> Ex: SV0WWW_TF2WJN *e-QSL*
> ARS_1392 ARCI_11325 FP_626
> FISTS_10060 SOC_538 ARRL HQRP

Date: Wed, 12 Nov 2003 11:15:16 -0600
From: Jeff Strandberg <wv3b@us.net>
To: qrp-1@Lehigh.EDU
Subject: [161127] FOX: K0UU preliminary results
Message-ID: <1068657316.3fb26aa454821@webmail.us.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Only a few dozen worked K0UU in my first foray as a Fox, (final results tomorrow), mostly hounds locally here in MN or far South, nothing east at all.

A few minutes after 0200Z nearly all signals--not just hounds--simply dropped out, while atmospheric noise rose and rolled in waves.

Discovered later the A Index had reached 51, and this was compounded by static from a winter storm to the north.

My apologies to those of you who could hear me but were unsuccessful getting a pelt, especially hounds whose call I sent, but could copy none of the resulting exchange.

Odd propagation indeed: W5JAY in Ark startled me with booming 1w signal, after a long dry spell calling 'CQ Fox.'

72 Jeff K0UU

This mail sent through IMP: <http://horde.org/imp/>

Date: Wed, 12 Nov 2003 11:02:01 -0500
From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [161128] RE: dial cord
Message-ID: <000301c3a936\$4f492e30\$7a032a0a@nyroc.ametek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> MANY YEARS AGO, we used to use "catfish line". I worked at a electronics
> shop inside a department store... we serviced everything the store sold...
> consumer audio, pro audio, cb and marine radio... whenever I needed to
> repair the dial cord on a am radio, I would go over to the sporting goods
> department and find heavy weight cat fish braided fishing line.
>
> In extreme cases, we might need to add some bees wax to give the line some
> "sticky"

Bob,

I've used rosin squeezed from a piece of solder for the same effect. Thanks for the tip on the braided fishing line - I have a spool full that I use as a pilot line for antenna launching.

Dave

Date: Wed, 12 Nov 2003 10:27:34 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <n5ib@juno.com>
Subject: [161129] Re: RockMite loses magic smoke
Message-ID: <005a01c3a939\$e11e5f80\$6501a8c0@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Jim,
I confess...I did this once too. Protection diode? I don't need no stinkin' protection diode....right. Do something dumb, pay the stupidity tax. It has a schottky protection diode now :-)

Fortunately, in my rig it only toasted the final amp (2n2222a) and emitter resistor. Everything else was fine.

Good luck getting your 'mite running again.

72/73,
Lew
N5ZE

Date: Wed, 12 Nov 2003 10:31:52 -0600
From: "rattray" <rattray@accesscomm.ca>
To: <wb8yyy@yahoo.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161130] RE: Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?
Message-ID: <000601c3a93a\$7dabe340\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yes, I saw that too...it sure was in a lot of shots...I was wondering what the unit was on top of it?...looked familiar somehow...72 - Bruce ve5rc/ve5qrp

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Curt Milton
Sent: Wednesday, November 12, 2003 9:37 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Speaking of the Andy Griffith Show reunion...anybody else see that fine HW-16 on the desk?

Yes i was inspired by the HW-16 (but not Opey's hair - next subject please!) and maybe I will open the cover

of mine and look for some replacement caps (if i can afford them vs. a new qrp rig!). Even the xyl thought that rig looked familiar (it is only about 15 feet from our TV).

I think i stopped using my HW-16 because (1) i don't have a high voltage keyer and (2) the time it takes to warm up. It either needs fixing or a new home, and i am leaning toward the former again. As for my HW-8, well its not being used these days and at least the HW-16 is a superhet.

We can give them credit for using a ham rig on the bottom to replace the other ham rig that was there before!

curt wb8yyy

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 12 Nov 2003 11:38:15 -0500
From: "John H. Shannon" <johnshan@alltel.net>
To: <qrp-l@Lehigh.EDU>
Subject: [161131] Re: Indoor Attic mounted antenna vs outdoor antenna
Message-ID: <001e01c3a93b\$69914ac0\$312766a6@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I didn't see the original question about indoor antennas, but if you want to know what can be done with QRP and indoor antennas, look at my web site - <http://home.alltel.net/johnshan/> First go to the homebrewing section for a description of my antenna farm (or victory garden as Alan, KB7MBI called it), then to my Awards and Contesting sections for the results. I think you'll find it very informative. I don't have any stats as to the difference in performance between indoor and outdoor antennas, but I think I have proved that you can succeed with simple wire antennas mounted indoors. Oh,

there are also some antenna pictures in my Home section - Pictures page.

I hope my site helps to convince people that you can have fun with simple indoor antennas if you can't put something up outside. I was one who never believed indoor antennas would do anything except allow you to work your neighbors till I proved myself wrong with WAS, WAC, DXCC (202 worked now), 4 zones needed for WAZ, many contest wins, etc. And that's from a valley location. If you live on a hill, you should do even better.

So if you live somewhere where outdoor antennas are not possible, give those indoor jobs a try. End of pep talk, now go do it.

~~~~~  
73 - John, K3WWP - 100% CW & QRP  
using simple wire antennas.

<http://home.alltel.net/johnshan/>

My website is now in its eighth year  
of operation and includes the following:

DX QSL Routes \*\* Operating Tips  
QRP Rigs Info \*\* CW Contest Calendar  
Daily Propagation Info \*\* Your CW Stories  
Teens and CW \*\* Monthly polls  
Categorized Quality Links \*\* MUCH MORE

If you love Morse Code, please join the  
FISTS club - <http://www.fists.org>  
I'm proud to be FISTS # 2002

~~~~~  

Date: Wed, 12 Nov 2003 09:15:57 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [161132] QRPacificon Compendiums Picked Up From Printers
Message-ID: <[01ac01c3a940\\$a32f6820\\$4a0b0d0a@dph.dpol.net](mailto:01ac01c3a940$a32f6820$4a0b0d0a@dph.dpol.net)>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys I picked up the pre-ordered QRPacificon Compendiums from the printer yesterday, and I will prepare them for mailing today, and they will go to the post office tomorrow. We are sending out 78 of them. Please do not ask

if there are any left, sorry they are all gone and there will not be any more printed. The window for ordering closed on Nov. 3. Thanks to the authors who contributed. I hope that you enjoy the compendium, and that it will encourage you to attend a live QRP Forum this year sponsored by the AmQRP. We have 6 AmQRP co-sponsored QRP Forums planned in 2004, and they are in all parts of the country. I encourage you to make plans to attend as many as you can. 72, Doug

Date: Wed, 12 Nov 2003 09:21:06 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [161133] Update and clarification on New Club Kit coming.
Message-ID: <01b201c3a941\$5b0309c0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys a week or so ago I posted about an exciting new club kit that will be announced in the near future. There seems to be some confusion. First of all it is not the NorCal 30. I have nothing to report on that, other than we still plan on kitting it as soon as it is ready. You will not hear anymore about the kit until you see the announcement. The guys are working on it. Several emailed me thinking that was the kit I was talking about.

The kit is not even from NorCal, it is from another club (not NJ) and is going to be announced in about 2 weeks. Right now they are ordering all the parts, and working on the manual. It will be worth the wait, trust me. 72, Doug, KI6DS

Date: Wed, 12 Nov 2003 12:59:09 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161134] Reverse & other catastrophic failure fuses
Message-ID: <6.0.0.22.2.20031112115223.029eaff8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

One of the better methods for reverse input voltage protection is to use a series fuse. One of the simplest methods to accomplish this would be to add a small, wired-lead, minifuse (and a reverse diode.) There are a variety of surplus sources for 1A to 4A subminiature fuses at reasonable prices-I'm

pretty sure Brad Thompson <Brad.Thompson@VALLEY.NET> has some; as does Hosfelt <<http://www.hosfelt.com/>> and All Electronics <<http://www.allelectronics.com/>> -and they are all usually priced less than \$0.30 each in very small quantities. Most are about the size of a 1/4W resistor. Any of them, along with a fast (preferably Schottky) diode reversed to ground, should help in a reverse-voltage situation. You insert the fuse in series with the voltage input, then add the diode (anode-to-ground) on the circuit-side of the fuse. Use the lowest value that will absolutely not pop with your application's current level. Then you can essentially forget about it. I'll bet Brad has both the diode and the fuse.

I use a similar technique on BoatAnchor devices with 2-wire chords and no fuse. Many-but not all-of these fuses are rated for up-to-120/250VAC operation. If that's the voltage you're planning to fuse, make certain the fuse voltage rating is appropriate. When it comes to 2-wire line cord fused-plugs, EF Johnson immediately comes to mind. They were very fond of those line cord fused-plugs. Hence, there was no internal fusing.

My personal <RULE 1 For BoatAnchors> is: "I don't make no new holes!" So... fusing un-fused units (especially when they have those 2-wire cord fused-plugs EFJ was so fond of) can be dicey-but ESSENTIAL if you replace that cord/fuse-holder line-plug!

One thing I ****WILL**** change (in fact, usually the FIRST thing) is from a 2-wire cord to a 3-wire cord. Hm-m-m. Now what do you do for fusing? There is the option of interrupting one wire of a 3-wire cord somewhere and putting a fused minibox near the plug. Ugly, but very functional, and very safe.

In the case of the T-R Switches (and my B&W 380-B required the same thing) I added the 3-wire cord, but used a wired-in 4A minifuse. I used 4A because I believe it would blow ONLY in case of a catastrophic internal failure involving the transformer-and that's really my primary concern for anything in a metal box. Other nasty internal failures might or might not be fused by the 4A fuse... but such a disaster is unlikely to be able to start a fire inside that metal cabinet before the fuse can blow-and that leaves as a concern the melting of the line cord.

This is not to replace your 'regular' fuse. You're using a 'catastrophic value' only for really bad failure modes, and you don't want it popping off for some transient-and thereby having to open up the cabinet to replace-but you don't want the unit shorting out and trying to burn down your house either. Primarily, you could describe it as a shorted-transformer fuse, since that's really the only externally dangerous event you HAVE to be concerned about. This won't protect other internal components from some small failure like a resistor shorting, but-since most line cords would briefly take 4A w/o burning up-will keep everything outside the cabinet

from being damaged by something that bad.

I found an opportune place on internal terminal strips (of both units) to interrupt the line, and 'insert' the fuse. I specifically used a type that is ~ a 1/4 inch (diameter & length) plastic cylinder and mounted it in such a way that the amp-rating on the top of the fuse body was visible. So that if something drastic happens, it would be obvious to anyone that there was such an internal device.

These techniques have worked well over the years. I have managed one or two reverses (with no damage-except the blown fuse), but none of the 4A 120VAC "catastrophe" fuses have blown. Things can stay that way as far as I'm concerned!

P.S. For currents of 1A or less, you can also use a power MOSFET in series with the voltage input. Reversed as I recall, (but do not remember which lead the gates were shorted to.) I'm sure someone here will remember. I THINK the gates are shorted to the source, which is the input, with the drain as the output-but it could easily be the reverse-so wait for confirmation/correction. This is a good technique-with a pretty low voltage drop. The 1A limit is the result of the transient-voltage-clamp diodes internal to the MOSFET finally getting enough voltage drop to start conducting.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...

and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Wed, 12 Nov 2003 11:11:55 -0700
From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161135] Re: O'scope time? Maybe.
Message-ID: <002501c3a948\$75666490\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks everyone for your thoughtful replies, quite a bit of useful info.

One unexpected and welcome response included a "sweat equity for scope"
opportunity that was quite welcome. (Still gotta watch the pennies here)

I will be responding to a number of you individually, alas time is
limited (work sked), please be patient.

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rc7039-hr@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, November 10, 2003 8:47 PM
Subject: O'scope time? Maybe.

> Folks,

>

> I'd love to have a O'scope. But I want something of good quality that
is

> reliable. I'm thinking a Tek 465, 100MHz, class of instrument. I've
> watched eBay and prices on "good stuff" go beyond my price point,
> \$250-300.

>

> Are used 465s a good buy? Is there something better? Is my \$250-300
> price point absurd? Where might I buy something reliable with minimal
> risk?

Date: Wed, 12 Nov 2003 14:28:02 -0500
From: Lee Mairs <lmairs@direcway.com>
To: n4xy@earthlink.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [161136] Re: Reverse & other catastrophic failure fuses
Message-ID: <016901c3a953\$1c189a60\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Ed -
Do you have any comments/experience on the resetable fuses now sold by Mouser? I backfitted them into a few of my homebrew rigs immediately after I can within a whisker of reversing power to my 2N2-40.

73 de Lee
KM4YY/8

----- Original Message -----
From: "Ed Tanton" <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 12, 2003 12:59 PM
Subject: Reverse & other catastrophic failure fuses

> One of the better methods for reverse input voltage protection is to use a
> series fuse. One of the simplest methods to accomplish this would be to
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> a small, wired-lead, minifuse (and a reverse diode.) There are a variety
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> surplus sources for 1A to 4A subminiature fuses at reasonable prices-I'm
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> fuse voltage rating is appropriate. When it comes to 2-wire line cord
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> 2-wire cord to a 3-wire cord. Hm-m-m. Now what do you do for fusing? There
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> internal to the MOSFET finally getting enough voltage drop to start
> conducting.
>
>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain

> -----
>
>

Date: Wed, 12 Nov 2003 11:28:26 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [161137] Re: Easiest to Install BNC Connector?
Message-ID: <20031112192826.GC16570@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Nov 11, 2003 at 05:15:27PM -0500, JBCrafts wrote:
> you could use a twist on BNC... I have used them in extreme emergencies...
>
> Crimp on is your best bet, but like you said, RS is all but out of the RADIO
> business..
>
> Check out parts express www.partsexpress.com
>
> Have you tried a computer shop? They still use 10base2 networks... 10base2
> used RG-58.

Don't try a RS twist-on with RG-58 having a stranded center conductor.

Date: Wed, 12 Nov 2003 15:31:09 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: Lee Mairs <lmairs@direcway.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [161138] Re: Reverse & other catastrophic failure fuses
Message-ID: <6.0.0.22.2.20031112152712.029affc8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There was an issue with delay-before-open for the (original) one in the Elecraft K-2. I'm pretty sure they changed it for another-or did that even before it was a product. So I decided I didn't want to take any chances. Admittedly it's easier not to have to open a unit up to replace a fuse... but the mini-fuses/pico-fuses are a good bit smaller, and a lot cheaper (surplus).

At 02:28 PM 11/12/2003, Lee Mairs wrote:

>Hi Ed -
>Do you have any comments/experience on the resetable fuses now sold by
>Mouser? I backfitted them into a few of my homebrew rigs immediately after
>I can within a whisker of reversing power to my 2N2-40.
>
>73 de Lee
>KM4YY/8
>
>///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 12 Nov 2003 14:38:10 -0600
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161139] OT: Help With UK Crystal Nomenclature ?
Message-ID: <000901c3a95c\$e5159c70\$4986e98d@winad.it.uwosh.edu>

MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Some sage here on the list must be able to answer this one for me <grin> ...
maybe one of our UK readers ?

I need a new calibrator crystal for my Eddystone 770U Mk II. The specifications are in the manual but I need to know what "package" it is ... the manual states it is a "Style D". I suspect from the way the crystal holder looks that this might be a HC-48U ? Any help appreciated ?

Mike, W9WIS

Date: Wed, 12 Nov 2003 12:47:33 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>,
a low-energy group <qrp-l@lehigh.edu>
Subject: [161140] vintage parts on e*bay
Message-ID: <20031112204733.43472.qmail@web41004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2572833755>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 12 Nov 2003 14:11:00 -0800 (PST)
From: Bob Confrey <wa1edj@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [161141] HWA-9 and Multi-Volt Devices...
Message-ID: <20031112221100.59754.qmail@web9402.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone know the status of Multi-Volt Devices? Who are they? Can they be reached? They supposedly had a number of HWA-9 WARC band kits for sale a few years back. I still am looking for one, no luck on all lists I've posted on. Sent him an email and it bounced.

Anyone got an HWA-9 kit????....TNX....Bob..WA1EDJ

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard

<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 12 Nov 2003 17:54:42 -0500
From: "Paul Womble" <pwomble@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Cc: <fpqrp-l@fpqrp.com>
Subject: [161142] Altoid Tins
Message-ID: <003601c3a96f\$f5ed27d0\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone have a source for Altoid type tins...other than buying them from the store with the mints?

I've been checking out the holiday tins at WalMart but most of them are a lot larger than what I want. I did buy a couple of small ones there for \$1. Trying to decide if I want to paint it or just leave Santa on my next project!

73
Paul K4FB

Date: Wed, 12 Nov 2003 18:20:08 EST
From: Davewb4@aol.com
To: qrp-l@lehigh.edu
Subject: [161143] Re:L-1682B1J Availability
Message-ID: <28.4005ea51.2ce41a28@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The LCD'S arrived today. If you ordered one or more please send your check & shipping label. It seems some stations missed ordering. After I ship these units I will ask if anyone still needs any and place one more order. They still have 270 in stock.

73

Dave Rogers
1760 SW 72 Ave
Plantation FL 33317

WB4CHK

Date: Wed, 12 Nov 2003 18:12:37 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [161144] Re: OT: Old radio, dial cords, & signal generators
Message-ID: <20031112.182229.9902.2.kc8aon@juno.com>

For dial cord, go to Walmart and pick up a spool of Spider Wire fishing line in the sporting goods dept ! Strong stuff, very little to no stretch ! 20 pound test should do it !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 12 Nov 2003 18:24:14 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [161145] Just a thought on set decorating.
Message-ID: <3FB2C11E.C52E4C5D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We all see TV shows and movies where amateur radio gear is used as "set decoration". Please remember that the set decorator has to decorate the set so that it will be somewhat believable to the audience. The audience generally has no real idea of what communications equipment is for or really looks like. And further, the number of actors and others who are licensed hams is quite small. That they could swap a Heathkit for an Eico is a small thing. BTW, I wish my HW-16 looked so good!

73

Date: Wed, 12 Nov 2003 18:38:17 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Paul Womble" <pwomble@earthlink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Cc: <fpqrp-l@fpqrp.com>
Subject: [161146] Re: [fpqrp] Altoid Tins
Message-ID: <008901c3a976\$0d03be10\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Go to Dollar General...they have their own brand of mints in a tin the same size as Altoids...for \$1 you get the tin and the candy.

----- Original Message -----

From: "Paul Womble" <pwomble@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Cc: <fpqrp-l@fpqrp.com>
Sent: Wednesday, November 12, 2003 5:54 PM
Subject: [fpqrp] Altoid Tins

> Does anyone have a source for Altoid type tins...other than buying
them
> from the store with the mints?
>
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> my next project!
>
> 73
> Paul K4FB
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
fpqrp-l -
>
>

End of QRP-L Digest 3102
